



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

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March 1997

December 1996

This bulletin covers 27 agricultural industries in the state of California. The number of industries ranges from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

NOTE: Data in this bulletin are available electronically through a personal computer and modem. Our Labor Market Information Division's bulletin board system, LMI On-Line, can be accessed by dialing (916) 262-2BBS (262-2227). You may also access this data through the Internet. The LMID Internet address is: <http://www.calmis.cahwnet.gov>.

California's total agricultural employment level for the month of December 1996 was 316,900, 14,800 less than the November 1996 level of 331,700. Agricultural employment levels increased in the San Joaquin Valley, the Desert, and the North Coast regions. Agricultural employment levels decreased in the Central Coast, the South Coast, and the Sacramento Valley regions. (Tables 1-A through 7-A.)

Wage and Salary Workers in Agricultural Establishments

For December 1996

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	316.9	181.2	53.4	45.3	36.8	22.9	11.3
Total Crops	169.0	69.0	38.9	26.3	16.9	16.0	8.2
Total Livestock	24.9	14.0	1.8	1.2	5.1	1.6	1.8
Total Services	123.0	98.2	12.7	17.8	14.8	5.3	1.3

Source: Tables 1-A through 7-A.

AGRICULTURAL PRODUCTION WORKERS

The agricultural production worker employment level in California was 288,800 in December 1996, a decrease of 15,400 from the previous month's level of 304,200. (Table 1-B through 7-B.)

California's agricultural production workers earned an average \$270.09 per week in December 1996, \$11.79 less than the average weekly earnings in the previous month. The region with the lowest weekly earnings was the San Joaquin Valley region with \$255.84. The highest weekly earnings were in the North Coast region with \$307.89. (Tables 1-C through 7-C.)

The state's agricultural production workers averaged 39.2 hours per week in December 1996, 1.3 hours less than the November 1996 level of 40.5. Regional averages ranged from a high of 41.6 in the Desert region to a low of 38.3 in the San Joaquin Valley region. (Tables 1-D through 7-D.)

Production workers statewide earned an average of \$6.89 per hour in December 1996, seven cents less than the November 1996 level of \$6.96. The North Coast region had the highest hourly pay rate with \$7.64 per hour. The Sacramento Valley region had the lowest hourly wage with \$6.56 per hour. (Table 1-E through 7-E.)

CHANGES FROM ONE YEAR AGO

California's December 1996 total agricultural employment level was 11,000 higher than the December 1995 level. (Table 1-A.)

The state's agricultural production employment level was 11,500 more than the same month in the previous year. (Table 1-B.)

The year over increase in average weekly earnings for California agricultural production workers was \$3.45 compared to the December 1995 average weekly earnings. (Table 1-C.)

Production workers statewide worked a half hour more per week in December 1996 compared to the same month a year before. (Table 1-D.)

The average hourly pay earned by California production workers in December 1996 was exactly the same as the December 1995 average hourly pay. (Table 1-E.)

Average Hourly Earnings of Production Workers For December 1996

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	\$6.89	\$6.68	\$6.99	\$7.47	\$6.81	\$6.56	\$7.64
Total Crops	6.85	6.57	6.98	7.47	6.71	6.52	7.65
Total Livestock	7.57	7.67	7.59	7.58	7.53	6.97	7.14
Total Services	6.77	6.58	6.93	7.46	6.63	6.54	8.46

Source: Tables 1-E through 7-E.

DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

DATA COMMENTS:

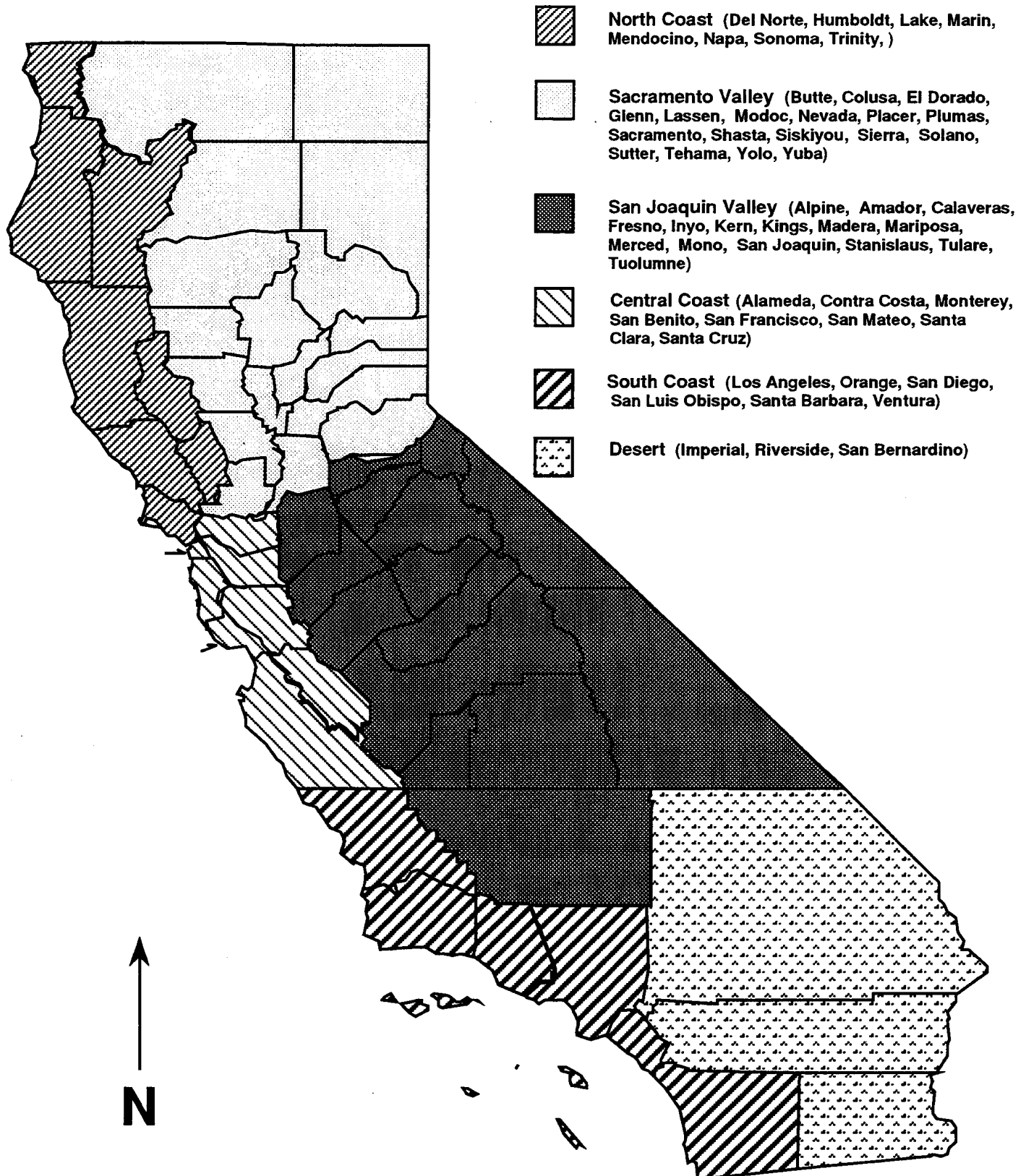
ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL. SIMILARLY, ESTIMATES FOR THE MONTHS AND THE YEAR ARE INDEPENDENTLY DERIVED. THEREFORE, THE AVERAGE OF THE MONTHLY ESTIMATES WILL NOT NECESSARILY EQUAL THE ANNUAL AVERAGE ESTIMATE.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: ***Current Economic Statistics Group, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994 or call (916) 262-2358.***

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CALIFORNIA

Wage and Salary Employment in Agricultural Establishments

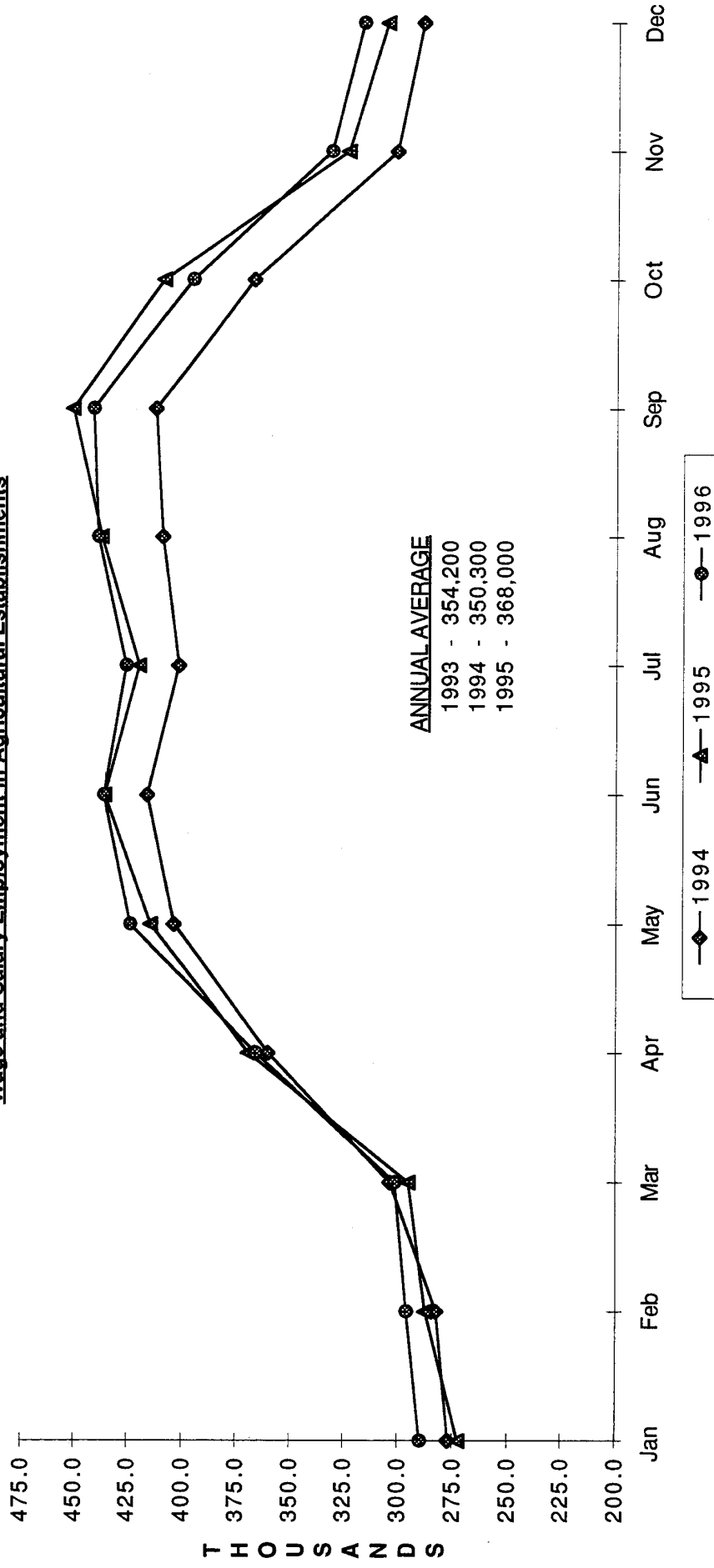


TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	316.9	331.7	305.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	169.0	179.8	159.2
CASH GRAINS	2.6	2.6	2.2
RICE	1.3	1.3	1.0
OTHER CASH GRAINS	1.3	1.3	1.2
FIELD CROPS EXCEPT CASH GRAINS	10.5	11.9	10.0
COTTON	6.2	7.2	6.0
OTHER FIELD CROPS	4.3	4.7	4.0
VEGETABLES AND MELONS	24.6	32.0	23.8
TOTAL FRUITS AND TREE NUTS	73.1	75.2	66.5
BERRIES	6.1	12.4	6.0
GRAPES	26.5	21.5	24.0
TREE NUTS	7.7	7.8	7.2
CITRUS FRUITS	6.1	5.7	5.3
DECIDUOUS TREE FRUIT	13.1	13.2	11.5
OTHER FRUITS AND NUTS	13.6	14.6	12.5
TOTAL HORTICULTURAL SPECIALTIES	31.9	31.7	33.1
ORNAMENTAL FLORAL & NURSERY	28.8	28.6	30.1
FOOD CROPS GROWN UNDER COVER	3.1	3.1	3.0
GENERAL FARM PRIMARILY CROP	26.3	26.4	23.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	24.9	25.0	25.2
BEEF CATTLE FEED LOTS	0.5	0.5	0.4
BEEF CATTLE EXCEPT FEED LOTS	3.6	3.7	3.9
DAIRY FARMS	12.7	12.7	12.6
CHICKEN EGGS	2.6	2.6	2.7
TURKEYS & TURKEY EGGS	1.0	1.0	1.0
OTHER LIVESTOCK	4.5	4.5	4.6
TOTAL AGRICULTURAL SERVICES	123.0	126.9	121.5
SOIL PREPARATION SERVICES	1.2	1.3	1.1
CROP SERVICES	42.0	45.3	41.6
PLANT CULTIVATE & PROTECTION	4.4	4.9	4.2
HARVEST PRIMARILY BY MACHINE	5.3	5.3	5.2
PREPARATION SVCS FOR MARKET	30.1	32.9	30.6
COTTON GINNING	2.2	2.2	1.6
TOTAL FARM LABOR & MANAGEMENT	79.8	80.3	78.8
FARM LABOR CONTRACTORS	72.9	73.4	72.1
FARM MANAGEMENT SERVICES	6.9	6.9	6.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	288.8	304.2	277.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	150.6	161.7	140.6
CASH GRAINS	2.1	2.2	1.8
RICE	1.0	1.1	0.8
OTHER CASH GRAINS	1.1	1.1	1.0
FIELD CROPS EXCEPT CASH GRAINS	9.6	10.8	8.9
COTTON	5.8	6.6	5.4
OTHER FIELD CROPS	3.8	4.2	3.5
VEGETABLES AND MELONS	21.8	29.2	21.1
TOTAL FRUITS AND TREE NUTS	66.8	69.2	60.2
BERRIES	5.8	12.2	5.7
GRAPES	23.6	18.7	21.2
TREE NUTS	6.8	7.1	6.5
CITRUS FRUITS	5.4	5.0	4.6
DECIDUOUS TREE FRUIT	12.3	12.3	10.5
OTHER FRUITS AND NUTS	12.9	13.9	11.7
TOTAL HORTICULTURAL SPECIALTIES	26.1	26.0	27.2
ORNAMENTAL FLORAL & NURSERY	23.4	23.3	24.6
FOOD CROPS GROWN UNDER COVER	2.7	2.7	2.6
GENERAL FARM PRIMARILY CROP	24.2	24.3	21.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.4	22.6	22.5
BEEF CATTLE FEED LOTS	0.4	0.4	0.3
BEEF CATTLE EXCEPT FEED LOTS	3.0	3.2	3.3
DAIRY FARMS	12.0	12.0	11.9
CHICKEN EGGS	2.0	2.0	2.1
TURKEYS & TURKEY EGGS	0.9	0.9	0.8
OTHER LIVESTOCK	4.1	4.1	4.1
TOTAL AGRICULTURAL SERVICES	115.8	119.9	114.2
SOIL PREPARATION SERVICES	0.8	1.0	0.8
CROP SERVICES	37.4	40.8	36.6
PLANT CULTIVATE & PROTECTION	3.7	4.3	3.5
HARVEST PRIMARILY BY MACHINE	4.9	4.9	4.8
PREPARATION SVCS FOR MARKET	26.9	29.7	26.9
COTTON GINNING	1.9	1.9	1.4
TOTAL FARM LABOR & MANAGEMENT	77.6	78.1	76.8
FARM LABOR CONTRACTORS	71.3	71.8	70.7
FARM MANAGEMENT SERVICES	6.3	6.3	6.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	270.09	281.88	266.64
TOTAL AGRICULTURAL PRODUCTION/CROPS	276.74	299.81	277.43
CASH GRAINS	335.87	342.45	336.92
RICE	325.13	335.98	325.80
OTHER CASH GRAINS	345.02	349.39	345.42
FIELD CROPS EXCEPT CASH GRAINS	299.68	338.28	313.50
COTTON	288.64	345.58	292.82
OTHER FIELD CROPS	316.83	326.29	346.06
VEGETABLES AND MELONS	317.75	363.51	319.46
TOTAL FRUITS AND TREE NUTS	249.29	257.40	249.86
BERRIES	209.30	231.48	200.80
GRAPES	263.71	284.80	269.80
TREE NUTS	246.43	251.94	257.18
CITRUS FRUITS	266.45	274.78	261.73
DECIDUOUS TREE FRUIT	232.03	239.98	232.33
OTHER FRUITS AND NUTS	249.74	253.44	244.09
TOTAL HORTICULTURAL SPECIALTIES	301.86	312.61	296.23
ORNAMENTAL FLORAL & NURSERY	291.48	299.01	287.32
FOOD CROPS GROWN UNDER COVER	395.54	428.79	377.81
GENERAL FARM PRIMARILY CROP	274.92	309.25	272.25
TOTAL AGRIC PRODUCTION/LIVESTOCK	357.30	355.03	350.72
BEEF CATTLE FEED LOTS	353.80	348.00	356.70
BEEF CATTLE EXCEPT FEED LOTS	339.15	345.97	332.59
DAIRY FARMS	375.39	371.86	366.40
CHICKEN EGGS	323.95	341.35	316.54
TURKEYS & TURKEY EGGS	362.32	372.07	391.73
OTHER LIVESTOCK	331.72	317.96	329.24
TOTAL AGRICULTURAL SERVICES	243.72	243.89	235.94
SOIL PREPARATION SERVICES	610.54	581.41	609.16
CROP SERVICES	298.66	293.88	280.70
PLANT CULTIVATE & PROTECTION	343.54	346.79	334.05
HARVEST PRIMARILY BY MACHINE	238.77	274.75	235.77
PREPARATION SVCS FOR MARKET	293.87	271.40	275.28
COTTON GINNING	428.27	561.20	411.24
TOTAL FARM LABOR & MANAGEMENT	213.43	213.50	210.90
FARM LABOR CONTRACTORS	205.98	202.88	204.14
FARM MANAGEMENT SERVICES	299.09	336.72	294.52

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	39.2	40.5	38.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	40.4	43.2	40.5
CASH GRAINS	46.2	47.3	46.6
RICE	42.5	44.5	42.7
OTHER CASH GRAINS	49.5	50.2	49.7
FIELD CROPS EXCEPT CASH GRAINS	45.2	51.1	45.9
COTTON	43.8	52.6	44.3
OTHER FIELD CROPS	47.5	48.7	48.4
VEGETABLES AND MELONS	41.0	45.1	40.8
TOTAL FRUITS AND TREE NUTS	37.6	39.0	37.8
BERRIES	32.4	36.0	33.3
GRAPES	37.3	39.5	38.0
TREE NUTS	40.8	40.9	40.5
CITRUS FRUITS	36.5	37.9	36.2
DECIDUOUS TREE FRUIT	38.1	39.6	37.9
OTHER FRUITS AND NUTS	38.6	39.6	38.5
TOTAL HORTICULTURAL SPECIALTIES	42.1	43.6	41.9
ORNAMENTAL FLORAL & NURSERY	41.7	42.9	41.4
FOOD CROPS GROWN UNDER COVER	46.1	49.4	46.3
GENERAL FARM PRIMARILY CROP	43.5	48.7	43.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.2	47.4	46.7
BEEF CATTLE FEED LOTS	48.8	48.2	49.2
BEEF CATTLE EXCEPT FEED LOTS	42.5	43.3	42.1
DAIRY FARMS	48.5	48.8	47.4
CHICKEN EGGS	47.5	49.4	47.6
TURKEYS & TURKEY EGGS	47.8	48.7	52.3
OTHER LIVESTOCK	46.2	45.1	46.7
TOTAL AGRICULTURAL SERVICES	36.0	35.5	34.8
SOIL PREPARATION SERVICES	62.3	60.5	62.8
CROP SERVICES	40.8	39.5	38.4
PLANT CULTIVATE & PROTECTION	44.1	46.3	42.5
HARVEST PRIMARILY BY MACHINE	31.5	35.0	30.9
PREPARATION SVCS FOR MARKET	41.1	37.8	38.5
COTTON GINNING	53.4	61.2	53.2
TOTAL FARM LABOR & MANAGEMENT	33.4	33.1	32.8
FARM LABOR CONTRACTORS	32.8	32.0	32.3
FARM MANAGEMENT SERVICES	40.2	46.0	39.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	6.89	6.96	6.89
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.85	6.94	6.85
CASH GRAINS	7.27	7.24	7.23
RICE	7.65	7.55	7.63
OTHER CASH GRAINS	6.97	6.96	6.95
FIELD CROPS EXCEPT CASH GRAINS	6.63	6.62	6.83
COTTON	6.59	6.57	6.61
OTHER FIELD CROPS	6.67	6.70	7.15
VEGETABLES AND MELONS	7.75	8.06	7.83
TOTAL FRUITS AND TREE NUTS	6.63	6.60	6.61
BERRIES	6.46	6.43	6.03
GRAPES	7.07	7.21	7.10
TREE NUTS	6.04	6.16	6.35
CITRUS FRUITS	7.30	7.25	7.23
DECIDUOUS TREE FRUIT	6.09	6.06	6.13
OTHER FRUITS AND NUTS	6.47	6.40	6.34
TOTAL HORTICULTURAL SPECIALTIES	7.17	7.17	7.07
ORNAMENTAL FLORAL & NURSERY	6.99	6.97	6.94
FOOD CROPS GROWN UNDER COVER	8.58	8.68	8.16
GENERAL FARM PRIMARILY CROP	6.32	6.35	6.23
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.57	7.49	7.51
BEEF CATTLE FEED LOTS	7.25	7.22	7.25
BEEF CATTLE EXCEPT FEED LOTS	7.98	7.99	7.90
DAIRY FARMS	7.74	7.62	7.73
CHICKEN EGGS	6.82	6.91	6.65
TURKEYS & TURKEY EGGS	7.58	7.64	7.49
OTHER LIVESTOCK	7.18	7.05	7.05
TOTAL AGRICULTURAL SERVICES	6.77	6.87	6.78
SOIL PREPARATION SERVICES	9.80	9.61	9.70
CROP SERVICES	7.32	7.44	7.31
PLANT CULTIVATE & PROTECTION	7.79	7.49	7.86
HARVEST PRIMARILY BY MACHINE	7.58	7.85	7.63
PREPARATION SVCS FOR MARKET	7.15	7.18	7.15
COTTON GINNING	8.02	9.17	7.73
TOTAL FARM LABOR & MANAGEMENT	6.39	6.45	6.43
FARM LABOR CONTRACTORS	6.28	6.34	6.32
FARM MANAGEMENT SERVICES	7.44	7.32	7.40

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SAN JOAQUIN

Wage and Salary Employment in Agricultural Establishments

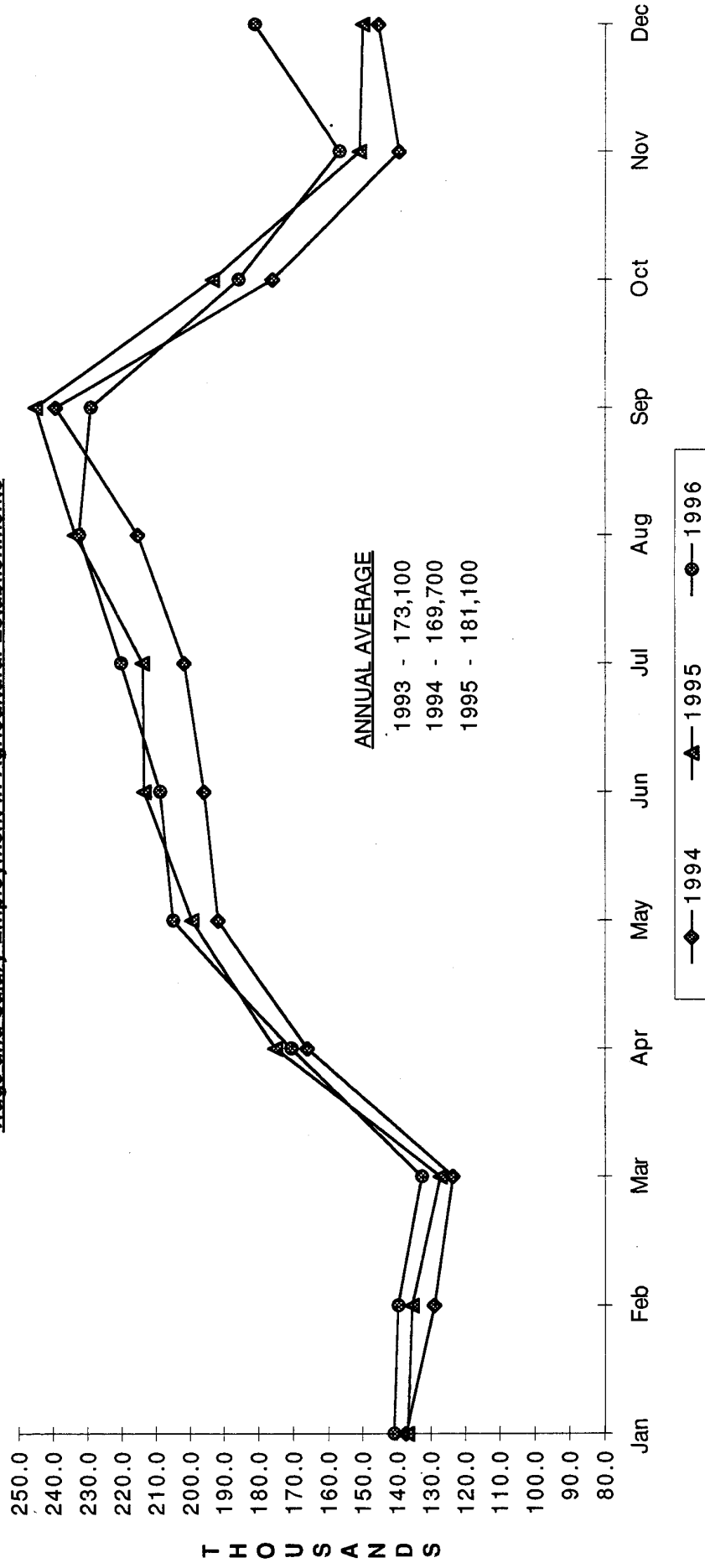


TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	181.2	156.9	150.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	69.0	70.2	63.0
TOTAL FIELD CROPS	9.8	10.1	8.2
COTTON	7.1	6.8	5.8
OTHER FIELD CROPS	2.7	3.3	2.4
VEGETABLES AND MELONS	3.2	5.3	3.3
TOTAL FRUITS AND TREE NUTS	38.0	36.3	33.4
GRAPES	17.1	14.7	15.0
TREE NUTS	5.1	5.8	5.2
CITRUS FRUITS	2.4	2.6	2.3
DECIDUOUS TREE FRUIT	9.1	8.3	7.1
OTHER FRUITS AND NUTS	4.3	4.9	3.8
HORTICULTURAL SPECIALTIES	4.4	3.7	4.7
GENERAL FARM PRIMARILY CROP	13.6	14.8	13.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	14.0	14.0	13.8
BEEF CATTLE FEED LOTS	0.3	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.2	1.2
DAIRY FARMS	9.3	9.4	9.1
POULTRY & EGGS	2.0	2.0	2.1
OTHER LIVESTOCK	1.2	1.1	1.1
TOTAL AGRICULTURAL SERVICES	98.2	72.7	73.3
CROP SERVICES	23.7	25.7	22.6
PLANT CULTIVATE & PROTECTION	3.6	4.0	3.5
HARVEST PRIMARILY BY MACHINE	1.9	1.8	1.6
PREPARATION SVCS FOR MARKET	16.4	18.0	15.9
COTTON GINNING	1.8	1.9	1.6
TOTAL FARM LABOR & MANAGEMENT	74.5	47.0	50.7
FARM LABOR CONTRACTORS	68.4	43.1	47.2
FARM MANAGEMENT SERVICES	6.1	3.9	3.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	169.4	146.2	138.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	62.9	64.4	56.7
TOTAL FIELD CROPS	8.7	9.2	7.2
COTTON	6.3	6.2	5.2
OTHER FIELD CROPS	2.4	3.0	2.0
VEGETABLES AND MELONS	2.7	4.8	2.8
TOTAL FRUITS AND TREE NUTS	35.4	33.8	30.9
GRAPES	16.1	13.6	13.9
TREE NUTS	4.5	5.2	4.8
CITRUS FRUITS	2.1	2.4	2.1
DECIDUOUS TREE FRUIT	8.7	7.9	6.6
OTHER FRUITS AND NUTS	4.0	4.7	3.5
HORTICULTURAL SPECIALTIES	3.7	2.9	3.7
GENERAL FARM PRIMARILY CROP	12.4	13.7	12.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.8	12.9	12.7
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.0	1.0	1.1
DAIRY FARMS	8.8	8.9	8.5
POULTRY & EGGS	1.8	1.9	1.9
OTHER LIVESTOCK	1.0	0.9	1.0
TOTAL AGRICULTURAL SERVICES	93.7	68.9	69.2
CROP SERVICES	21.0	23.0	19.9
PLANT CULTIVATE & PROTECTION	3.0	3.3	2.9
HARVEST PRIMARILY BY MACHINE	1.7	1.7	1.4
PREPARATION SVCS FOR MARKET	14.7	16.3	14.2
COTTON GINNING	1.6	1.7	1.4
TOTAL FARM LABOR & MANAGEMENT	72.7	45.9	49.3
FARM LABOR CONTRACTORS	67.2	42.3	46.2
FARM MANAGEMENT SERVICES	5.5	3.6	3.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	255.84	277.12	258.33
TOTAL AGRICULTURAL PRODUCTION/CROPS	268.06	287.97	272.08
TOTAL FIELD CROPS	332.66	338.87	341.50
COTTON	334.26	338.12	347.01
OTHER FIELD CROPS	327.96	340.17	328.74
VEGETABLES AND MELONS	300.73	328.18	293.57
TOTAL FRUITS AND TREE NUTS	243.20	260.50	246.56
GRAPES	237.68	263.27	255.25
TREE NUTS	250.92	255.78	240.24
CITRUS FRUITS	266.38	279.97	270.05
DECIDUOUS TREE FRUIT	241.59	254.07	222.47
OTHER FRUITS AND NUTS	247.41	260.50	249.57
HORTICULTURAL SPECIALTIES	287.15	300.84	275.60
GENERAL FARM PRIMARILY CROP	281.63	303.21	291.71
TOTAL AGRIC PRODUCTION/LIVESTOCK	371.23	368.25	346.51
BEEF CATTLE FEED LOTS	343.43	343.20	257.31
BEEF CATTLE EXCEPT FEED LOTS	351.96	357.81	344.79
DAIRY FARMS	380.53	377.91	358.43
POULTRY & EGGS	349.16	357.54	328.02
OTHER LIVESTOCK	358.14	318.02	310.50
TOTAL AGRICULTURAL SERVICES	231.62	249.83	231.59
CROP SERVICES	280.08	290.33	296.74
PLANT CULTIVATE & PROTECTION	361.34	381.38	355.71
HARVEST PRIMARILY BY MACHINE	262.60	248.21	283.72
PREPARATION SVCS FOR MARKET	247.44	254.70	274.69
COTTON GINNING	447.12	494.51	408.14
TOTAL FARM LABOR & MANAGEMENT	217.75	229.42	205.37
FARM LABOR CONTRACTORS	210.38	221.96	199.42
FARM MANAGEMENT SERVICES	307.81	317.04	292.83

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	38.3	41.3	39.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	40.8	44.1	41.1
TOTAL FIELD CROPS	50.1	51.5	51.9
COTTON	50.8	51.7	53.8
OTHER FIELD CROPS	48.3	51.0	47.3
VEGETABLES AND MELONS	42.9	47.7	43.3
TOTAL FRUITS AND TREE NUTS	37.3	40.2	37.7
GRAPES	34.8	38.1	37.1
TREE NUTS	40.8	42.0	38.5
CITRUS FRUITS	38.0	40.4	38.8
DECIDUOUS TREE FRUIT	39.8	42.7	37.9
OTHER FRUITS AND NUTS	37.6	40.2	37.7
HORTICULTURAL SPECIALTIES	40.5	43.1	36.6
GENERAL FARM PRIMARILY CROP	43.8	47.6	44.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.4	48.2	46.7
BEEF CATTLE FEED LOTS	47.5	47.8	34.4
BEEF CATTLE EXCEPT FEED LOTS	41.8	42.8	40.9
DAIRY FARMS	49.1	48.7	47.6
POULTRY & EGGS	47.7	47.8	46.2
OTHER LIVESTOCK	50.8	50.4	50.0
TOTAL AGRICULTURAL SERVICES	35.2	37.4	36.3
CROP SERVICES	37.9	39.5	41.1
PLANT CULTIVATE & PROTECTION	44.5	47.2	44.8
HARVEST PRIMARILY BY MACHINE	32.5	31.7	31.7
PREPARATION SVCS FOR MARKET	35.5	36.7	40.1
COTTON GINNING	54.0	58.8	52.8
TOTAL FARM LABOR & MANAGEMENT	34.4	36.3	34.4
FARM LABOR CONTRACTORS	33.5	35.4	33.8
FARM MANAGEMENT SERVICES	45.4	46.9	43.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	6.68	6.71	6.59
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.57	6.53	6.62
TOTAL FIELD CROPS	6.64	6.58	6.58
COTTON	6.58	6.54	6.45
OTHER FIELD CROPS	6.79	6.67	6.95
VEGETABLES AND MELONS	7.01	6.88	6.78
TOTAL FRUITS AND TREE NUTS	6.52	6.48	6.54
GRAPES	6.83	6.91	6.88
TREE NUTS	6.15	6.09	6.24
CITRUS FRUITS	7.01	6.93	6.96
DECIDUOUS TREE FRUIT	6.07	5.95	5.87
OTHER FRUITS AND NUTS	6.58	6.48	6.62
HORTICULTURAL SPECIALTIES	7.09	6.98	7.53
GENERAL FARM PRIMARILY CROP	6.43	6.37	6.57
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.67	7.64	7.42
BEEF CATTLE FEED LOTS	7.23	7.18	7.48
BEEF CATTLE EXCEPT FEED LOTS	8.42	8.36	8.43
DAIRY FARMS	7.75	7.76	7.53
POULTRY & EGGS	7.32	7.48	7.10
OTHER LIVESTOCK	7.05	6.31	6.21
TOTAL AGRICULTURAL SERVICES	6.58	6.68	6.38
CROP SERVICES	7.39	7.35	7.22
PLANT CULTIVATE & PROTECTION	8.12	8.08	7.94
HARVEST PRIMARILY BY MACHINE	8.08	7.83	8.95
PREPARATION SVCS FOR MARKET	6.97	6.94	6.85
COTTON GINNING	8.28	8.41	7.73
TOTAL FARM LABOR & MANAGEMENT	6.33	6.32	5.97
FARM LABOR CONTRACTORS	6.28	6.27	5.90
FARM MANAGEMENT SERVICES	6.78	6.76	6.81

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SOUTH COAST

Wage and Salary Employment in Agricultural Establishments

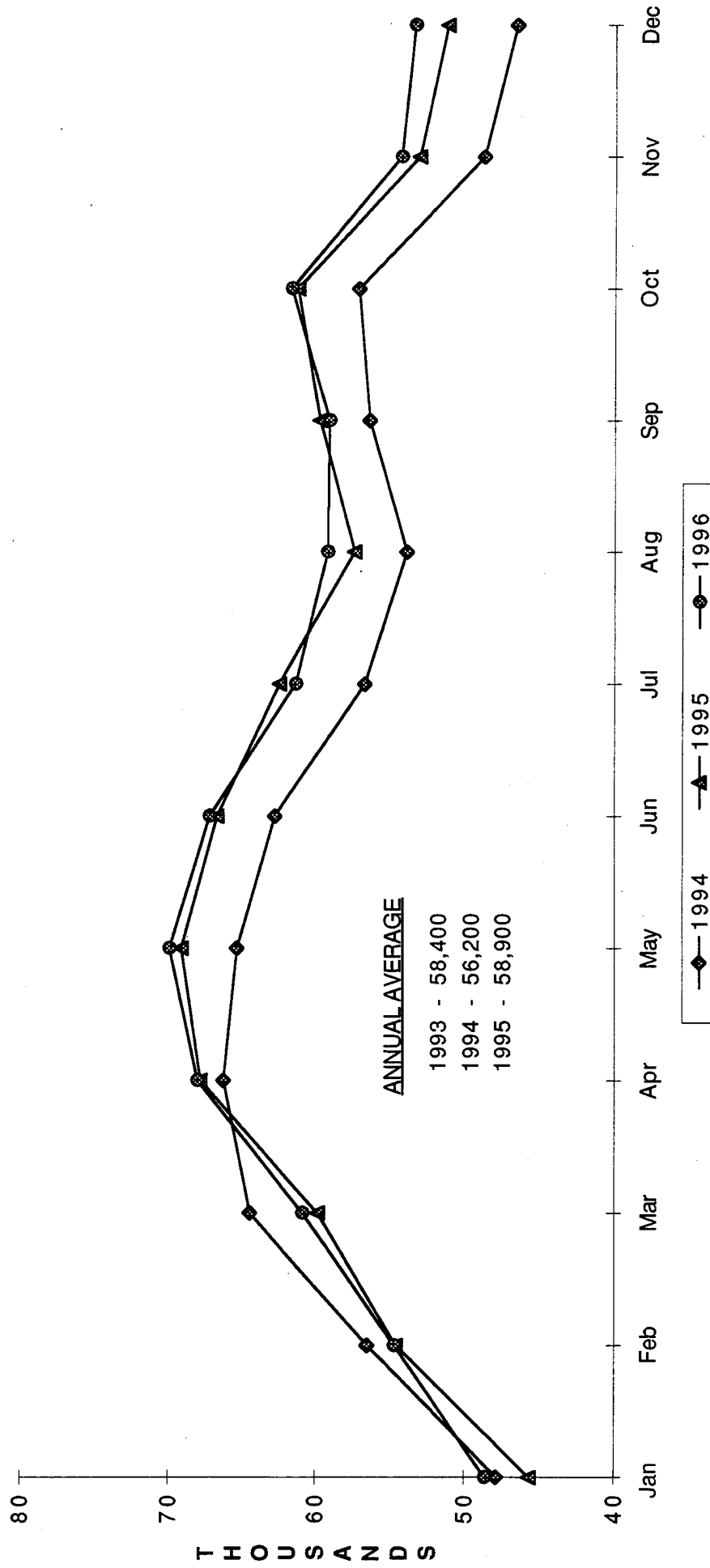


TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	53.4	54.3	51.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.9	37.8	33.8
VEGETABLES AND MELONS	9.1	8.9	7.9
TOTAL FRUITS AND TREE NUTS	10.9	9.4	7.8
BERRIES	6.0	5.0	3.4
CITRUS FRUITS	1.8	1.8	1.8
OTHER FRUITS AND NUTS	3.1	2.6	2.6
TOTAL HORTICULTURAL SPECIALTIES	14.9	15.2	14.8
ORNAMENTAL FLORAL & NURSERY	14.2	14.5	14.1
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.7
GENERAL FARM PRIMARILY CROP	4.0	4.3	3.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.8	1.9	2.0
TOTAL AGRICULTURAL SERVICES	12.7	14.6	15.4
CROP SERVICES	3.9	4.2	3.7
HARVEST PRIMARILY BY MACHINE	1.4	1.7	1.4
PREPARATION SVCS FOR MARKET	2.5	2.5	2.3
TOTAL FARM LABOR & MANAGEMENT	8.8	10.4	11.7
FARM LABOR CONTRACTORS	7.3	9.1	10.4
FARM MANAGEMENT SERVICES	1.5	1.3	1.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	47.4	47.9	45.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	34.2	33.3	29.1
VEGETABLES AND MELONS	8.3	8.1	7.2
TOTAL FRUITS AND TREE NUTS	10.1	8.7	7.1
BERRIES	5.7	4.8	3.2
CITRUS FRUITS	1.5	1.4	1.4
OTHER FRUITS AND NUTS	2.9	2.5	2.5
TOTAL HORTICULTURAL SPECIALTIES	12.2	12.5	12.0
ORNAMENTAL FLORAL & NURSERY	11.5	11.8	11.4
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.6
GENERAL FARM PRIMARILY CROP	3.6	4.0	2.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.5	1.6	1.7
TOTAL AGRICULTURAL SERVICES	11.7	13.0	14.5
CROP SERVICES	3.5	3.8	3.4
HARVEST PRIMARILY BY MACHINE	1.3	1.6	1.3
PREPARATION SVCS FOR MARKET	2.2	2.2	2.1
TOTAL FARM LABOR & MANAGEMENT	8.2	9.2	11.1
FARM LABOR CONTRACTORS	6.9	8.1	10.0
FARM MANAGEMENT SERVICES	1.3	1.1	1.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	285.89	296.52	278.39
TOTAL AGRICULTURAL PRODUCTION/CROPS	294.56	306.86	289.20
VEGETABLES AND MELONS	341.98	348.52	322.07
TOTAL FRUITS AND TREE NUTS	241.70	267.90	243.13
BERRIES	227.70	263.49	210.29
CITRUS FRUITS	278.20	288.86	277.68
OTHER FRUITS AND NUTS	251.04	263.72	266.46
TOTAL HORTICULTURAL SPECIALTIES	309.57	311.50	295.81
ORNAMENTAL FLORAL & NURSERY	304.64	305.23	289.92
FOOD CROPS GROWN UNDER COVER	394.22	419.24	405.33
GENERAL FARM PRIMARILY CROP	285.35	290.40	294.29
TOTAL AGRIC PRODUCTION/LIVESTOCK	354.45	349.32	324.00
TOTAL AGRICULTURAL SERVICES	252.25	263.52	250.07
CROP SERVICES	284.13	317.13	282.59
HARVEST PRIMARILY BY MACHINE	221.80	266.07	213.10
PREPARATION SVCS FOR MARKET	321.63	353.60	326.34
TOTAL FARM LABOR & MANAGEMENT	237.90	241.52	239.58
FARM LABOR CONTRACTORS	228.74	233.05	233.54
FARM MANAGEMENT SERVICES	288.36	301.04	300.24

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	40.9	42.3	41.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.2	43.9	43.1
VEGETABLES AND MELONS	43.9	46.1	43.7
TOTAL FRUITS AND TREE NUTS	37.3	40.9	38.9
BERRIES	36.2	40.6	36.7
CITRUS FRUITS	38.8	40.8	39.0
OTHER FRUITS AND NUTS	38.8	41.4	41.7
TOTAL HORTICULTURAL SPECIALTIES	44.8	44.5	45.3
ORNAMENTAL FLORAL & NURSERY	44.8	44.3	45.3
FOOD CROPS GROWN UNDER COVER	46.0	48.3	45.8
GENERAL FARM PRIMARILY CROP	43.3	44.0	42.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.7	46.7	43.2
TOTAL AGRICULTURAL SERVICES	36.4	37.7	36.4
CROP SERVICES	36.9	39.2	36.7
HARVEST PRIMARILY BY MACHINE	29.3	34.6	28.3
PREPARATION SVCS FOR MARKET	41.5	42.5	42.0
TOTAL FARM LABOR & MANAGEMENT	36.1	37.1	36.3
FARM LABOR CONTRACTORS	35.3	36.3	35.6
FARM MANAGEMENT SERVICES	40.5	42.4	43.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	6.99	7.01	6.79
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.98	6.99	6.71
VEGETABLES AND MELONS	7.79	7.56	7.37
TOTAL FRUITS AND TREE NUTS	6.48	6.55	6.25
BERRIES	6.29	6.49	5.73
CITRUS FRUITS	7.17	7.08	7.12
OTHER FRUITS AND NUTS	6.47	6.37	6.39
TOTAL HORTICULTURAL SPECIALTIES	6.91	7.00	6.53
ORNAMENTAL FLORAL & NURSERY	6.80	6.89	6.40
FOOD CROPS GROWN UNDER COVER	8.57	8.68	8.85
GENERAL FARM PRIMARILY CROP	6.59	6.60	6.86
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.59	7.48	7.50
TOTAL AGRICULTURAL SERVICES	6.93	6.99	6.87
CROP SERVICES	7.70	8.09	7.70
HARVEST PRIMARILY BY MACHINE	7.57	7.69	7.53
PREPARATION SVCS FOR MARKET	7.75	8.32	7.77
TOTAL FARM LABOR & MANAGEMENT	6.59	6.51	6.60
FARM LABOR CONTRACTORS	6.48	6.42	6.56
FARM MANAGEMENT SERVICES	7.12	7.10	6.95

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

CENTRAL COAST

Wage and Salary Employment in Agricultural Establishments

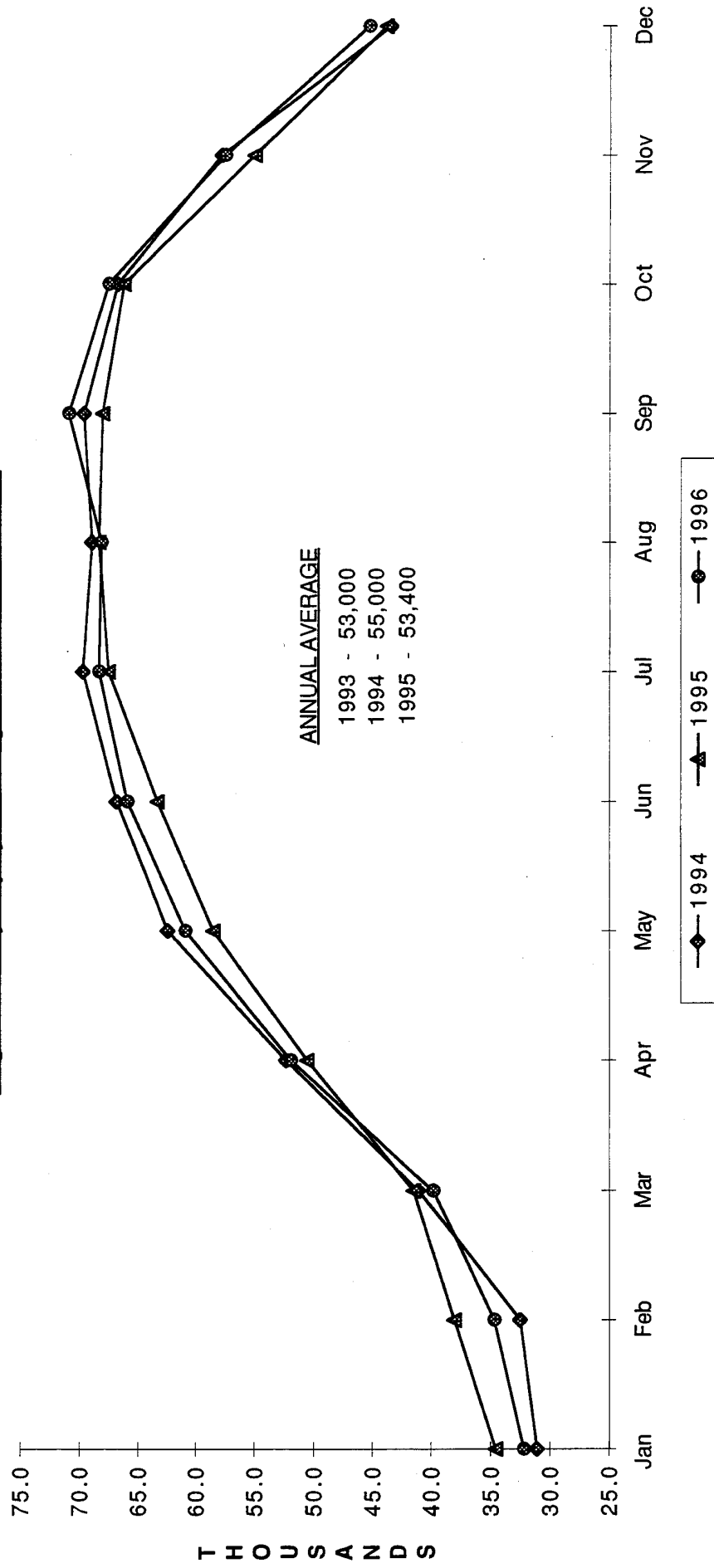


TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	45.3	57.5	43.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	26.3	36.8	25.2
VEGETABLES AND MELONS	9.2	12.8	7.8
TOTAL FRUITS AND TREE NUTS	5.7	10.6	5.8
BERRIES	3.4	7.7	3.5
DECIDUOUS TREE FRUIT	0.9	1.6	1.1
OTHER FRUITS AND NUTS	1.4	1.3	1.2
TOTAL HORTICULTURAL SPECIALTIES	9.5	10.4	9.5
ORNAMENTAL FLORAL & NURSERY	7.3	8.2	7.3
FOOD CROPS GROWN UNDER COVER	2.2	2.2	2.2
GENERAL FARM PRIMARILY CROP	1.9	3.0	2.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.2	1.2	1.2
TOTAL AGRICULTURAL SERVICES	17.8	19.5	17.4
CROP SERVICES	10.3	8.4	9.7
HARVEST PRIMARILY BY MACHINE	3.3	2.9	2.9
PREPARATION SVCS FOR MARKET	7.0	5.5	6.8
TOTAL FARM LABOR & MANAGEMENT	7.5	11.1	7.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	40.7	53.1	39.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	23.2	33.5	22.0
VEGETABLES AND MELONS	8.3	11.7	6.9
TOTAL FRUITS AND TREE NUTS	5.4	10.3	5.5
BERRIES	3.3	7.6	3.4
DECIDUOUS TREE FRUIT	0.8	1.5	1.0
OTHER FRUITS AND NUTS	1.3	1.2	1.1
TOTAL HORTICULTURAL SPECIALTIES	7.8	8.7	7.8
ORNAMENTAL FLORAL & NURSERY	5.9	6.8	5.9
FOOD CROPS GROWN UNDER COVER	1.9	1.9	1.9
GENERAL FARM PRIMARILY CROP	1.7	2.8	1.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.9	0.9	0.9
TOTAL AGRICULTURAL SERVICES	16.6	18.7	16.6
CROP SERVICES	9.2	7.7	9.0
HARVEST PRIMARILY BY MACHINE	3.1	2.7	2.8
PREPARATION SVCS FOR MARKET	6.1	5.0	6.2
TOTAL FARM LABOR & MANAGEMENT	7.4	11.0	7.6

PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	288.34	303.51	284.43
TOTAL AGRICULTURAL PRODUCTION/CROPS	297.31	322.21	292.20
VEGETABLES AND MELONS	320.72	388.00	316.80
TOTAL FRUITS AND TREE NUTS	193.34	221.44	191.13
BERRIES	170.16	206.07	165.75
DECIDUOUS TREE FRUIT	247.79	262.20	250.58
OTHER FRUITS AND NUTS	220.10	265.33	213.95
TOTAL HORTICULTURAL SPECIALTIES	334.91	342.24	329.06
ORNAMENTAL FLORAL & NURSERY	307.30	315.39	310.89
FOOD CROPS GROWN UNDER COVER	420.08	437.24	386.51
GENERAL FARM PRIMARILY CROP	331.79	353.80	343.24
TOTAL AGRIC PRODUCTION/LIVESTOCK	335.79	337.18	321.73
TOTAL AGRICULTURAL SERVICES	273.78	269.00	272.56
CROP SERVICES	329.67	327.55	325.12
HARVEST PRIMARILY BY MACHINE	316.01	317.21	328.45
PREPARATION SVCS FOR MARKET	337.02	333.13	323.75
TOTAL FARM LABOR & MANAGEMENT	205.11	227.90	211.58

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	38.6	40.2	36.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.8	41.9	38.6
VEGETABLES AND MELONS	40.7	44.7	38.4
TOTAL FRUITS AND TREE NUTS	28.6	33.4	27.5
BERRIES	26.3	31.9	25.5
DECIDUOUS TREE FRUIT	38.9	40.4	34.0
OTHER FRUITS AND NUTS	28.4	33.8	27.5
TOTAL HORTICULTURAL SPECIALTIES	44.3	46.0	43.7
ORNAMENTAL FLORAL & NURSERY	43.1	44.8	43.3
FOOD CROPS GROWN UNDER COVER	47.9	50.2	45.1
GENERAL FARM PRIMARILY CROP	49.3	48.8	50.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	44.3	44.6	42.5
TOTAL AGRICULTURAL SERVICES	36.7	36.9	33.9
CROP SERVICES	40.7	39.8	39.6
HARVEST PRIMARILY BY MACHINE	39.7	39.8	40.7
PREPARATION SVCS FOR MARKET	41.2	39.8	39.1
TOTAL FARM LABOR & MANAGEMENT	31.8	34.9	27.3

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	7.47	7.55	7.75
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.47	7.69	7.57
VEGETABLES AND MELONS	7.88	8.68	8.25
TOTAL FRUITS AND TREE NUTS	6.76	6.63	6.95
BERRIES	6.47	6.46	6.50
DECIDUOUS TREE FRUIT	6.37	6.49	7.37
OTHER FRUITS AND NUTS	7.75	7.85	7.78
TOTAL HORTICULTURAL SPECIALTIES	7.56	7.44	7.53
ORNAMENTAL FLORAL & NURSERY	7.13	7.04	7.18
FOOD CROPS GROWN UNDER COVER	8.77	8.71	8.57
GENERAL FARM PRIMARILY CROP	6.73	7.25	6.77
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.58	7.56	7.57
TOTAL AGRICULTURAL SERVICES	7.46	7.29	8.04
CROP SERVICES	8.10	8.23	8.21
HARVEST PRIMARILY BY MACHINE	7.96	7.97	8.07
PREPARATION SVCS FOR MARKET	8.18	8.37	8.28
TOTAL FARM LABOR & MANAGEMENT	6.45	6.53	7.75

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

DESERT

Wage and Salary Employment in Agricultural Establishments

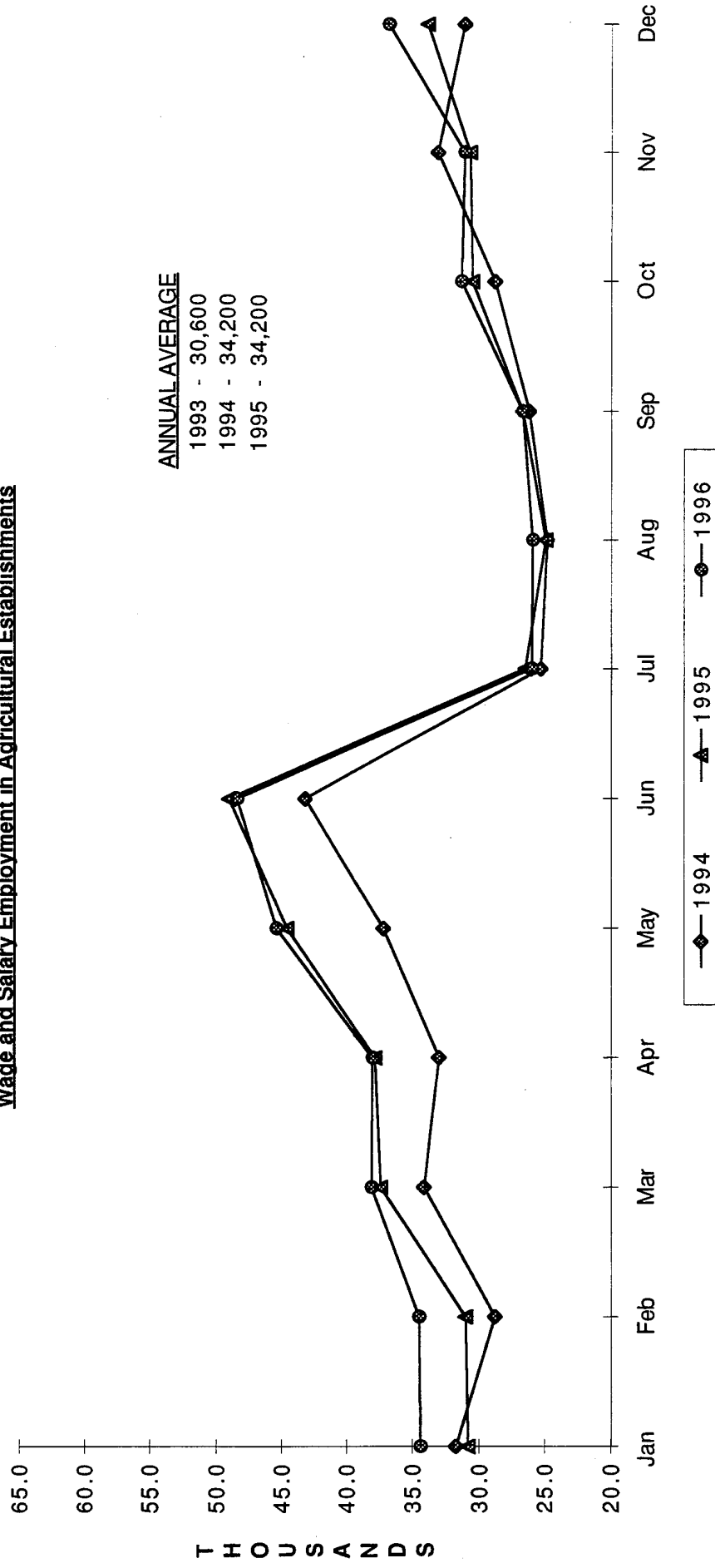


TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	36.8	31.1	33.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	16.9	12.8	15.1
FIELD CROPS	1.8	1.5	1.5
VEGETABLES AND MELONS	4.7	3.4	4.2
TOTAL FRUITS AND TREE NUTS	5.8	4.0	5.0
GRAPES	3.1	1.3	2.8
CITRUS FRUITS	1.2	1.2	1.1
OTHER FRUITS AND NUTS	1.5	1.5	1.1
HORTICULTURAL SPECIALTIES	1.1	1.1	1.1
GENERAL FARM PRIMARILY CROP	3.5	2.8	3.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.1	5.0	5.0
DAIRY FARMS	1.1	1.1	1.1
CHICKEN EGGS	0.8	0.8	0.8
OTHER LIVESTOCK	3.2	3.1	3.1
TOTAL AGRICULTURAL SERVICES	14.8	13.3	13.8
CROP SERVICES	5.0	4.6	5.0
PLANT CULTIVATE & PROTECTION	0.7	0.9	0.9
HARVEST PRIMARILY BY MACHINE	1.4	1.1	1.6
PREPARATION SVCS FOR MARKET	2.9	2.6	2.5
TOTAL FARM LABOR & MANAGEMENT	9.8	8.7	8.8

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 DESERT REGION
 (IN THOUSANDS)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	34.1	29.1	29.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	15.7	11.8	11.7
FIELD CROPS	1.6	1.3	1.4
VEGETABLES AND MELONS	4.5	3.2	3.9
TOTAL FRUITS AND TREE NUTS	5.4	3.7	2.4
GRAPES	3.0	1.2	0.3
CITRUS FRUITS	1.1	1.1	1.1
OTHER FRUITS AND NUTS	1.3	1.4	1.0
HORTICULTURAL SPECIALTIES	1.0	1.0	1.0
GENERAL FARM PRIMARILY CROP	3.2	2.6	3.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.4	4.6	4.5
DAIRY FARMS	1.0	1.1	1.0
CHICKEN EGGS	0.6	0.6	0.6
OTHER LIVESTOCK	2.8	2.9	2.9
TOTAL AGRICULTURAL SERVICES	14.0	12.7	12.9
CROP SERVICES	4.5	4.1	4.4
PLANT CULTIVATE & PROTECTION	0.6	0.8	0.7
HARVEST PRIMARILY BY MACHINE	1.3	1.0	1.5
PREPARATION SVCS FOR MARKET	2.6	2.3	2.2
TOTAL FARM LABOR & MANAGEMENT	9.5	8.6	8.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	283.30	276.46	270.28
TOTAL AGRICULTURAL PRODUCTION/CROPS	299.94	299.68	268.16
FIELD CROPS	319.48	312.74	291.62
VEGETABLES AND MELONS	328.30	294.17	258.99
TOTAL FRUITS AND TREE NUTS	273.73	296.09	253.36
GRAPES	285.95	361.92	287.95
CITRUS FRUITS	278.60	293.04	255.35
OTHER FRUITS AND NUTS	242.59	241.25	240.95
HORTICULTURAL SPECIALTIES	283.86	298.91	312.63
GENERAL FARM PRIMARILY CROP	298.75	306.04	266.11
TOTAL AGRIC PRODUCTION/LIVESTOCK	367.46	346.92	380.00
DAIRY FARMS	449.60	401.99	470.70
CHICKEN EGGS	317.86	323.61	304.32
OTHER LIVESTOCK	347.28	332.28	362.59
TOTAL AGRICULTURAL SERVICES	238.02	228.47	234.15
CROP SERVICES	281.39	286.62	246.91
PLANT CULTIVATE & PROTECTION	312.97	295.74	281.46
HARVEST PRIMARILY BY MACHINE	250.07	248.98	195.55
PREPARATION SVCS FOR MARKET	289.26	300.54	270.76
TOTAL FARM LABOR & MANAGEMENT	217.42	200.03	227.04

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	41.6	40.3	40.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.7	44.2	42.7
FIELD CROPS	47.4	47.1	41.6
VEGETABLES AND MELONS	46.9	40.8	39.3
TOTAL FRUITS AND TREE NUTS	41.1	43.8	38.8
GRAPES	43.0	52.0	43.3
CITRUS FRUITS	37.7	40.7	36.9
OTHER FRUITS AND NUTS	39.9	39.1	39.5
HORTICULTURAL SPECIALTIES	39.7	42.1	43.3
GENERAL FARM PRIMARILY CROP	47.8	48.5	50.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.8	47.2	50.0
DAIRY FARMS	51.5	48.2	49.6
CHICKEN EGGS	46.2	47.8	48.0
OTHER LIVESTOCK	48.3	46.8	50.5
TOTAL AGRICULTURAL SERVICES	35.9	34.1	35.0
CROP SERVICES	40.9	41.6	38.7
PLANT CULTIVATE & PROTECTION	52.6	47.7	46.6
HARVEST PRIMARILY BY MACHINE	36.4	36.4	31.9
PREPARATION SVCS FOR MARKET	40.4	41.8	40.9
TOTAL FARM LABOR & MANAGEMENT	33.5	30.4	33.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	6.81	6.86	6.69
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.71	6.78	6.28
FIELD CROPS	6.74	6.64	7.01
VEGETABLES AND MELONS	7.00	7.21	6.59
TOTAL FRUITS AND TREE NUTS	6.66	6.76	6.53
GRAPES	6.65	6.96	6.65
CITRUS FRUITS	7.39	7.20	6.92
OTHER FRUITS AND NUTS	6.08	6.17	6.10
HORTICULTURAL SPECIALTIES	7.15	7.10	7.22
GENERAL FARM PRIMARILY CROP	6.25	6.31	5.28
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.53	7.35	7.60
DAIRY FARMS	8.73	8.34	9.49
CHICKEN EGGS	6.88	6.77	6.34
OTHER LIVESTOCK	7.19	7.10	7.18
TOTAL AGRICULTURAL SERVICES	6.63	6.70	6.69
CROP SERVICES	6.88	6.89	6.38
PLANT CULTIVATE & PROTECTION	5.95	6.20	6.04
HARVEST PRIMARILY BY MACHINE	6.87	6.84	6.13
PREPARATION SVCS FOR MARKET	7.16	7.19	6.62
TOTAL FARM LABOR & MANAGEMENT	6.49	6.58	6.88

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SACRAMENTO

Wage and Salary Employment in Agricultural Establishments

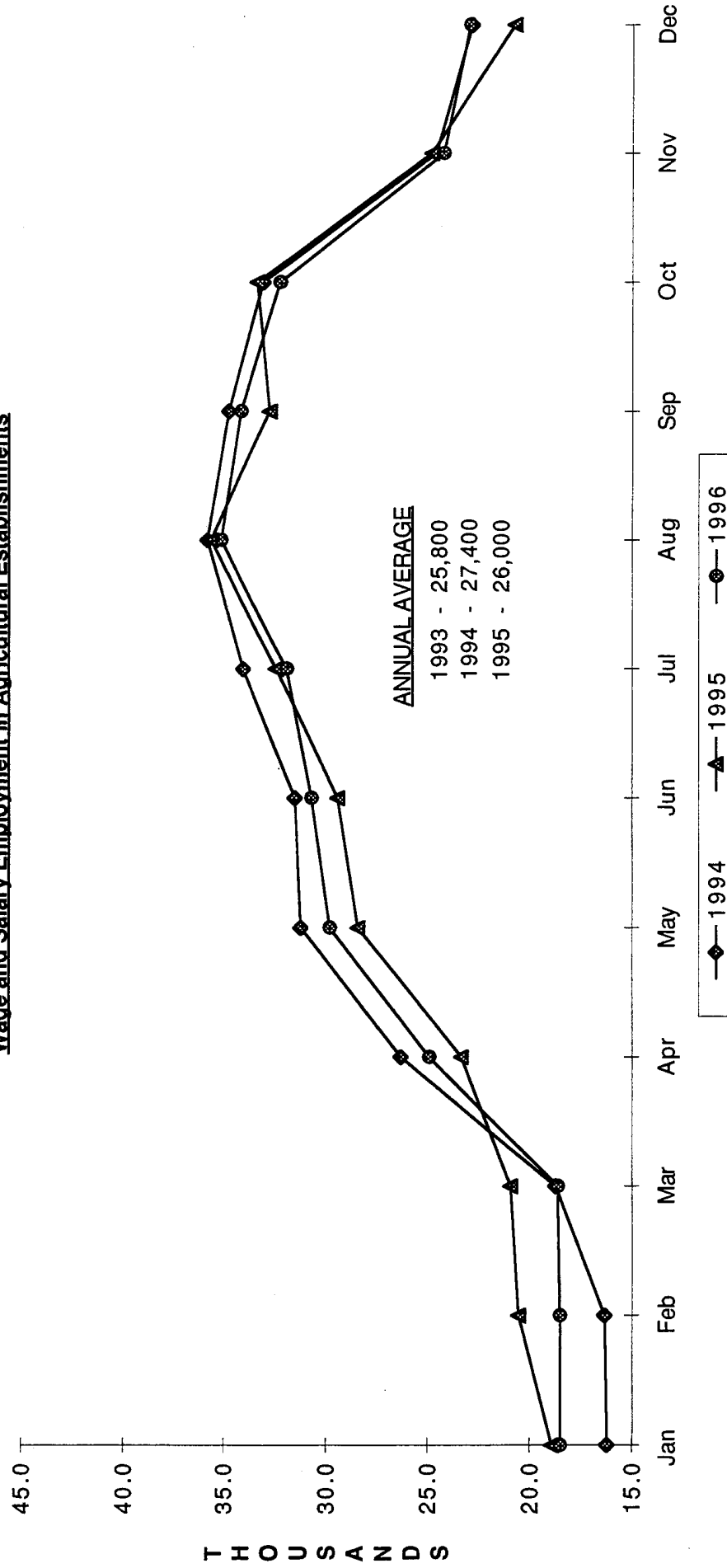


TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	22.9	24.2	20.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	16.0	17.1	14.3
RICE	1.0	1.3	1.0
VEGETABLES AND MELONS	1.0	1.6	0.8
TOTAL FRUIT AND TREE NUTS	8.1	8.2	7.4
TREE NUTS	2.5	2.3	2.2
DECIDUOUS TREE FRUIT	3.6	3.7	3.5
OTHER FRUITS AND NUTS	2.0	2.2	1.7
HORTICULTURAL SPECIALTIES	2.5	2.1	2.3
GENERAL FARM PRIMARILY CROP	3.4	3.9	2.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.6	1.7	1.8
TOTAL AGRICULTURAL SERVICES	5.3	5.4	4.6
CROP SERVICES	2.5	3.0	2.4
HARVEST PRIMARILY BY MACHINE	0.8	0.9	0.7
PREPARATION SVCS FOR MARKET	1.7	2.1	1.7
TOTAL FARM LABOR & MANAGEMENT	2.8	2.4	2.2

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 SACRAMENTO VALLEY REGION
 (IN THOUSANDS)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	20.2	22.0	18.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	14.3	15.5	12.8
RICE	0.8	1.1	0.8
VEGETABLES AND MELONS	0.9	1.4	0.7
TOTAL FRUIT AND TREE NUTS	7.4	7.6	6.8
TREE NUTS	2.3	2.1	2.1
DECIDUOUS TREE FRUIT	3.3	3.5	3.2
OTHER FRUITS AND NUTS	1.8	2.0	1.5
HORTICULTURAL SPECIALTIES	2.3	1.9	2.1
GENERAL FARM PRIMARILY CROP	2.9	3.5	2.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.4	1.6	1.6
TOTAL AGRICULTURAL SERVICES	4.5	4.9	3.8
CROP SERVICES	1.8	2.5	1.7
HARVEST PRIMARILY BY MACHINE	0.5	0.7	0.4
PREPARATION SVCS FOR MARKET	1.3	1.8	1.3
TOTAL FARM LABOR & MANAGEMENT	2.7	2.4	2.1

PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	268.96	286.45	272.96
TOTAL AGRICULTURAL PRODUCTION/CROPS	272.54	290.61	275.81
RICE	391.06	415.26	356.26
VEGETABLES AND MELONS	354.40	364.50	451.62
TOTAL FRUIT AND TREE NUTS	242.00	256.20	237.99
TREE NUTS	264.47	268.14	254.12
DECIDUOUS TREE FRUIT	234.85	244.22	225.11
OTHER FRUITS AND NUTS	226.98	264.96	244.07
HORTICULTURAL SPECIALTIES	276.02	293.76	287.66
GENERAL FARM PRIMARILY CROP	291.23	293.54	294.68
TOTAL AGRIC PRODUCTION/LIVESTOCK	315.74	317.96	295.23
TOTAL AGRICULTURAL SERVICES	243.94	263.03	256.43
CROP SERVICES	294.42	327.38	292.16
HARVEST PRIMARILY BY MACHINE	250.92	319.25	245.27
PREPARATION SVCS FOR MARKET	312.33	330.51	307.22
TOTAL FARM LABOR & MANAGEMENT	208.80	195.94	226.19

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	41.0	42.5	40.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.8	43.7	40.5
RICE	48.7	52.3	44.7
VEGETABLES AND MELONS	44.3	45.0	46.8
TOTAL FRUIT AND TREE NUTS	40.4	42.7	38.2
TREE NUTS	44.3	43.6	40.4
DECIDUOUS TREE FRUIT	38.5	40.3	34.9
OTHER FRUITS AND NUTS	39.0	46.0	42.3
HORTICULTURAL SPECIALTIES	37.2	38.5	38.0
GENERAL FARM PRIMARILY CROP	46.3	45.3	45.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	45.3	45.1	44.8
TOTAL AGRICULTURAL SERVICES	37.3	37.9	37.6
CROP SERVICES	39.1	44.3	38.8
HARVEST PRIMARILY BY MACHINE	32.8	41.3	32.4
PREPARATION SVCS FOR MARKET	41.7	45.4	40.8
TOTAL FARM LABOR & MANAGEMENT	36.0	31.2	36.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	6.56	6.74	6.79
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.52	6.65	6.81
RICE	8.03	7.94	7.97
VEGETABLES AND MELONS	8.00	8.10	9.65
TOTAL FRUIT AND TREE NUTS	5.99	6.00	6.23
TREE NUTS	5.97	6.15	6.29
DECIDUOUS TREE FRUIT	6.10	6.06	6.45
OTHER FRUITS AND NUTS	5.82	5.76	5.77
HORTICULTURAL SPECIALTIES	7.42	7.63	7.57
GENERAL FARM PRIMARILY CROP	6.29	6.48	6.42
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.97	7.05	6.59
TOTAL AGRICULTURAL SERVICES	6.54	6.94	6.82
CROP SERVICES	7.53	7.39	7.53
HARVEST PRIMARILY BY MACHINE	7.65	7.73	7.57
PREPARATION SVCS FOR MARKET	7.49	7.28	7.53
TOTAL FARM LABOR & MANAGEMENT	5.80	6.28	6.18

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

NORTH COAST

Wage and Salary Employment in Agricultural Establishments

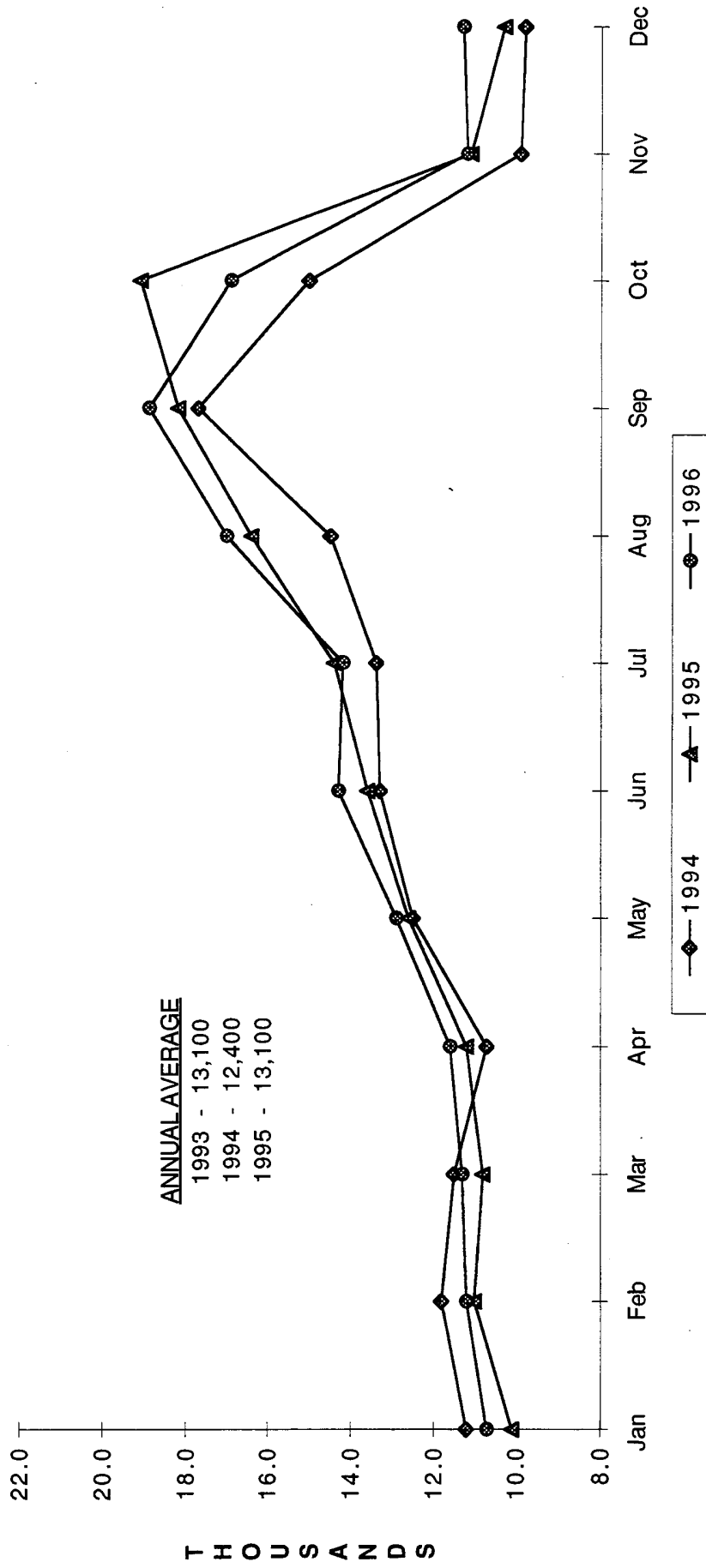


TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	11.3	11.2	10.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	8.2	7.9	7.7
TOTAL FRUITS AND TREE NUTS	6.3	5.9	5.6
GRAPES	4.9	4.7	4.4
OTHER FRUITS AND NUTS	1.4	1.2	1.2
TOTAL HORTICULTURAL SPECIALTIES	1.2	1.1	1.3
GENERAL FARM PRIMARILY CROP (2)	0.7	0.9	0.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.8	1.8	1.5
TOTAL AGRICULTURAL SERVICES	1.3	1.5	1.1

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 NORTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	9.0	9.0	8.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.3	6.0	5.6
TOTAL FRUITS AND TREE NUTS	4.7	4.3	3.9
GRAPES	3.4	3.2	2.9
OTHER FRUITS AND NUTS	1.3	1.1	1.0
TOTAL HORTICULTURAL SPECIALTIES	1.0	0.9	1.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.5	1.7	1.5
TOTAL AGRICULTURAL SERVICES	1.2	1.3	0.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	307.89	327.40	279.17
TOTAL AGRICULTURAL PRODUCTION/CROPS	296.82	312.12	264.79
TOTAL FRUITS AND TREE NUTS	299.95	314.70	255.00
GRAPES	324.97	337.95	273.86
OTHER FRUITS AND NUTS	234.51	247.50	202.99
TOTAL HORTICULTURAL SPECIALTIES	283.68	284.53	276.48
TOTAL AGRIC PRODUCTION/LIVESTOCK	342.72	344.15	336.52
TOTAL AGRICULTURAL SERVICES	318.94	375.06	284.93

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	40.3	42.3	38.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.8	40.8	37.4
TOTAL FRUITS AND TREE NUTS	37.4	38.9	34.6
GRAPES	37.7	38.8	35.2
OTHER FRUITS AND NUTS	36.7	39.1	32.9
TOTAL HORTICULTURAL SPECIALTIES	39.4	39.3	38.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.0	47.6	47.0
TOTAL AGRICULTURAL SERVICES	37.7	42.0	31.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1996	NOV 1996	DEC 1995
TOTAL AGRICULTURAL	7.64	7.74	7.27
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.65	7.65	7.08
TOTAL FRUITS AND TREE NUTS	8.02	8.09	7.37
GRAPES	8.62	8.71	7.78
OTHER FRUITS AND NUTS	6.39	6.33	6.17
TOTAL HORTICULTURAL SPECIALTIES	7.20	7.24	7.20
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.14	7.23	7.16
TOTAL AGRICULTURAL SERVICES	8.46	8.93	8.96

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.